

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-319-5  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

CALLAWAY CARS, INC.  
CALLAWAY C12 ENGINE PACKAGE

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the Callaway C12 Engine Package marketed by Callaway Cars, Inc., 3 High St. East, Old Lyme, Connecticut 06371 has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for 1997-99 V8 Corvettes and 1998 V8 Camaros/Firebirds.

The Callaway C12 Engine Package includes a modified throttle-body, cylinder heads, camshaft, crankshaft, pistons, and connecting rods. No changes are made to the stock ECU.

This Executive Order is valid provided that the installation instructions for the Callaway C12 Engine Package will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Callaway C12 Engine Package, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Callaway C12 Engine Package using any identification other than that shown in this Executive Order or marketing of the system for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the system shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order does not constitute any opinion as to the effect the use of the Callaway C12 Engine Package may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on the following submitted emissions test data on a 1998 Corvette. Testing consisted of comparative Cold Start CVS-75 Federal Test Procedures. The following test results, in grams per mile, showed that the difference between the modified and baseline emissions results, were within the allowable limits as specified under the "Procedures for Exemption of Add-On and Modified Parts:

	HC	CO	NOX
Baseline	0.19	1.8	0.4
Device	0.26	2.2	0.2

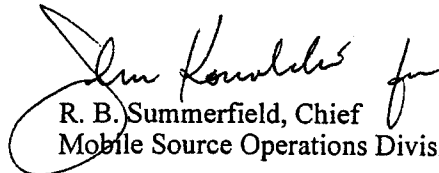
This Executive Order is also based on On Board Diagnostic II (OBD II) testing conducted on the same vehicle. Test data showed that the Callaway C12 Engine Package when installed on the vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF CALLAWAY CARS, INC.'S C12 ENGINE PACKAGE.

No claim of any kind, such as "Approved by the Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination after hearing that grounds for revocation exist.

Executed at El Monte, California, this 19<sup>th</sup> day of October 1998.

  
R. B. Summerfield, Chief  
Mobile Source Operations Division